

PA-100

QUERY CONTROL FORM		RTIS USE ONLY	
Application No. <u>09/746,192</u>	Prepared by <u>NPB</u>	Tracking Number <u>05904164</u>	
Examiner-GAU <u>LE-2876</u>	Date <u>3/9/04</u>	Week Date <u>2/16/04</u>	
	No. of queries <u>1</u>	<u>1PW</u>	

JACKET			
a. Serial No.	f. Foreign Priority	k. Print Claim(s)	p. PTO-1449
b. Applicant(s)	g. Disclaimer	l. Print Fig.	q. PTOL-85b
c. Continuing Data	h. Microfiche Appendix	m. Searched Column	r. Abstract
d. PCT	i. Title	n. PTO-270/328	s. Sheets/Figs
e. Domestic Priority	j. Claims Allowed	o. PTO-892	t. Other

SPECIFICATION	MESSAGE
a. Page Missing	<p>PTO-1449: please either initial or line through citations (copy provided for reference).</p> <p><i>[Signature]</i></p>
b. Text Continuity	
c. Holes through Data	
d. Other Missing Text	
e. Illegible Text	
f. Duplicate Text	
g. Brief Description	
h. Sequence Listing	
i. Appendix	
j. Amendments	
k. Other	
CLAIMS	
a. Claim(s) Missing	
b. Improper Dependency	
c. Duplicate Numbers	
d. Incorrect Numbering	
e. Index Disagrees	
f. Punctuation	
g. Amendments	
h. Bracketing	
i. Missing Text	
j. Duplicate Text	
k. Other	
	initials
	RESPONSE
	initials

JUL 14 2003

PTO/SB/08a (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 1 of 4

Complete if Known

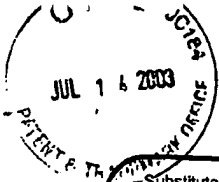
Application Number	09/746,192
Filing Date	December 21, 2000
First Named Inventor	James A. Parker
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-205.03 CON

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	US 4,418,277	11/29/1983	Tremmel et al.	
	AB	US 4,500,776	02/19/1985	Laser	
	AC	US 4,541,462	09/17/1985	Tholander	
	AD	US 4,634,850	01/06/1987	Pierce et al.	
	AE	US 4,721,849	01/26/1988	Davis et al.	
	AF	US 4,794,239	12/27/1988	Allais	
	AG	US 4,825,056	04/25/1989	Poland	
	AH	US 4,837,414	06/08/1989	Edamula	
	AI	US 4,861,972	08/29/1989	Elliott et al.	
	AJ	US 4,866,257	09/12/1989	Elliott et al.	
	AK	US 4,868,375	09/19/1989	Blanford	
	AL	US 4,889,977	12/26/1989	Haydon	
	AM	US 4,924,462	05/08/1990	Sojka	
	AN	US 4,931,628	06/05/1990	Wada	
	AO	US 4,988,852	01/29/1991	Krishnan	
	AP	US 5,023,922	06/11/1991	Abramovitz et al.	
	AQ	US 5,155,343	10/13/1992	Chandler et al.	
	AR	US 5,157,687	10/20/1992	Tymes	
	AS	US 5,175,420	12/29/1992	Bianco	
	AT	US 5,212,369	05/18/1993	Karlisch et al.	
	AU	US 5,218,191	06/08/1993	Chadima, Jr. et al.	
	AV	US 5,235,167	08/10/1993	Dvorkis et al.	
	AW	US 5,237,161	08/17/1993	Grodevant	
	AX	US 5,262,623	11/16/1993	Batterman et al.	
	AY	US 5,276,315	01/04/1994	Surka	
	AZ	US 5,286,960	02/15/1994	Longacre, Jr. et al.	
	BA	US 5,291,009	03/01/1994	Roustael	
	BB	US 5,294,783	03/15/1994	Hammond, Jr. et al.	
	BC	US 5,298,690	03/22/1994	Chandler et al.	
	BD	US 5,304,788	04/19/1994	Pavlidis et al.	
	BE	US 5,331,176	07/19/1994	Sant' Anselmo et al.	
	BF	US 5,343,026	08/30/1994	Tenaka	
	BG	US 5,349,172	09/20/1994	Roustael	
	BH	US 5,354,977	10/11/1994	Roustael	
	BI	US 5,378,883	01/03/1995	Batterman et al.	
	BJ	US 5,401,949	03/28/1995	Ziemacki et al.	
	BK	US 5,404,004	04/04/1995	Sato et al.	
	BL	US 5,418,357	05/23/1995	Inoue et al.	
	BM	US 5,418,862	05/23/1995	Zheng et al.	
	BN	US 5,425,051	06/13/1995	Mahany	
	BO	US 5,442,184	08/15/1995	Adachi	

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 808. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
 Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴
 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language Translation is attached.
 This collection of information is required by 37 CFR 1.97 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, U. S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
 If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **2** of **4****Complete if Known**

Application Number	09/746,192
Filing Date	December 21, 2000
First Named Inventor	James A. Parker
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-205.03 CON

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
	BP	US 5,446,271	08/29/1995	Cherry et al.	
	BQ	US 5,457,308	10/10/1995	Spitz et al.	
	BR	US 5,463,214	10/31/1995	Longacre, Jr. et al.	
	BS	US 5,465,207	11/07/1995	Boatwright et al.	
	BT	US 5,477,042	12/19/1995	Wang	
	BU	US 5,478,999	12/26/1995	Figarella et al.	
	BV	US 5,481,101	01/02/1996	Yoshida	
	BW	US 5,483,676	01/09/1996	Mahany et al.	
	BX	US 5,484,994	01/16/1996	Roustael	
	BY	US 5,491,471	02/13/1996	Stobbe	
	BZ	US 5,495,097	02/27/1996	Katz et al.	
	CA	US 5,504,746	04/02/1996	Meier	
	CB	US 5,512,739	04/30/1996	Chandler et al.	
	CC	US 5,519,199	05/21/1996	Watanabe et al.	
	CD	US 5,528,621	06/18/1996	Heiman et al.	
	CE	US 5,532,467	07/02/1996	Roustael	
	CF	US 5,541,398	07/30/1996	Hanson	
	CG	US 5,550,386	08/27/1996	Roustael	
	CH	US 5,563,399	10/08/1996	Wang	
	CI	US 5,568,645	10/22/1996	Morris et al.	
	CJ	US 5,581,066	12/03/1996	Itoh et al.	
	CK	US 5,590,356	12/31/1996	Gilbert	
	CL	US 5,591,956	01/07/1997	Longacre, Jr. et al.	
	CM	US 5,619,192	04/08/1997	Ayala	
	CN	US 5,686,717	11/11/1997	Knowles et al.	
	CO	US 5,689,102	11/18/1997	Schonenberg et al.	
	CP	US 5,698,835	12/16/1997	Dvorkis et al.	
	CQ	US 5,703,349	12/30/1997	Meyerson et al.	
	CR	US 5,739,518	04/14/1998	Wang	
	CS	US 5,802,344	09/01/1998	Menon et al.	
	CT	US 5,805,779	08/05/1998	Christopher et al.	
	CU	US 5,825,006	10/20/1998	Longacre, Jr. et al.	
	CV	US 5,900,613	05/04/1999	Kozioł et al.	
	CW	US 5,932,862	08/03/1999	Hussey et al.	
	CX	US 5,929,418	07/27/1999	Ehrhart et al.	
	CZ	US 5,939,697	08/17/1999	Spitz	
	DA	US 5,942,740	08/24/1999	Watanabe et al.	
	DB	US 5,942,741	08/24/1999	Longacre, Jr. et al.	
	DC	US 5,942,743	08/24/1999	Schmidt et al.	
	DD	US 5,965,663	10/12/1999	Parker et al.	
	DE	US 5,996,895	12/07/1999	Heiman et al.	

Examiner
SignatureDate
Considered

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
² Applicant's unique citation designation number (optional). ³ See Kinda Codes of USPTO Patent Documents at www.uspto.gov or MPEP 801.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language translation is attached.
This collection of information is required by 37 CFR 1.97 and 1.98. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case.
Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, U. S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9199 and selection option 2.



PTO/SB/08a (06-03)

Approved for use through 07/31/2003. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet **3** of **4****Complete If Known**

Application Number	09/746,192
Filing Date	December 21, 2000
First Named Inventor	James A. Parker
Art Unit	2876
Examiner Name	Le, Thien Minh
Attorney Docket Number	283-205.03 CON

U.S. PATENT DOCUMENTS

Examiner	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	DF	US 6,036,094	03/14/2000	Goldman et al.	
	DG	US 6,070,801	06/06/2000	Watanabe et al.	
	DH	US 6,142,379	11/07/2000	Bard et al.	
	DI	US 6,155,343	12/05/2000	Nazzari et al.	
	DJ	US 6,264,105B1	07/24/2001	Longacre, Jr. et al.	
	DK	US 6,299,065B1	10/09/2001	Knowles et al.	
	DL	US 6,321,889B1	11/27/2001	Witz, Sr. et al.	
	DM	US 6,332,574B1	12/25/2001	Shigekusa et al.	
	DN	US 6,347,743B2	02/19/2002	Witz, Sr. et al.	
	DO	US 6,411,199B1	06/25/2002	Gelszler et al.	
	DP	US 6,491,223B1	12/10/2002	Longacre, Jr. et al.	
	DQ	US 6,578,766B1	06/17/2003	Parker et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ²
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	DR	EP	0 529 876 A1		03/03/1993	NCR International		<input type="checkbox"/>
	DS	EP	0 541 292 A2		12/05/1993	NCR International		<input type="checkbox"/>
	DT	EP	0 571 913 A2		01/12/1993	United Parcel		<input type="checkbox"/>
	DU	JP	6-162247		6/10/1994	Matshushita		<input type="checkbox"/>
	DV	JP	54-24543		02/23/1979	Nippondenso Co.		<input type="checkbox"/>
	DW	WO	94/27246		11/24/1994	PSC, Inc.		<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

TECHNOLOGY CENTER 2800
JUL 17 2003Examiner
SignatureDate
Considered

¹ EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
² Applicant's unique citation designation number (optional).
³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 601.01.
⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).
⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.
⁶ Kind of document by the appropriate symbol as indicated on the document under WIPO Standard ST. 16 if possible.
⁷ Applicant to place a check mark here if English language translation is attached.
This collection of information is required by 37 CFR 1.57 and 1.58. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P. O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P. O. Box 1450, Alexandria, VA 22313-1450.
If you need assistance in completing the form, call 1-800-PTO-9100 and selection option 2.

